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**TO: Patricia Volpe
Location: 8A03
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Thursday, October 14, 2004**


Case Serial Number: 10/812597

**From: Etelka Griffin
Location: EIC 3600
PK5-Suite 804
Phone: 308-4211**

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Search Notes

**LITIGATION SEARCH
#6189616**

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 
Terms: **patno=6189616** ([Edit Search](#))

522913 (09) 6189616 February 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6189616

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[Link to Claims Section](#)

February 20, 2001

Expandable wellbore junction

INVENTOR: Gano, John C. - Carrollton, Texas; Freeman, Tommie A. - Flower Mound, Texas; Longbottom, Jim R. - Magnolia, Texas; Bowling, John S. - Dallas, Texas

APPL-NO: 522913 (09)

FILED-DATE: March 10, 2000


GRANTED-DATE: February 20, 2001

ASSIGNEE-AT-ISSUE: Halliburton Energy Services, Inc., Dallas, Texas, 02

CORE TERMS: wellbore, tubular, connector, radially, sealing, lateral, packer, casing, sealingly, grip ...

ENGLISH-ABST:

Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=6189616** ([Edit Search](#))

View: **Custom**

Segments: **Abst**, Assignee, Date, Granted-date, Inventor

Date/Time: Thursday, October 14, 2004 - 11:14 AM EDT

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Patent Number :

US6189616 B1 20010220 [US6189616]

Application Number :

US52291300 20000310 [2000US-0522913]

Action Taken :

20030513 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030214

20040928 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040330

Update Code :

2004-41

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

6,189,616 A 20010220 [US6189616]

Patent Assignee :

Halliburton Energy Services Inc

Actions :

20030214 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20030513

REISSUE REQUEST NUMBER: 10/367619

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040928

REISSUE REQUEST NUMBER: 10/812597

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

Search statement 3

1 / 1 INPADOC - ©INPADOC

Patent Number :

US 6189616 BA 20010220 [US6189616]

Title :

EXPANDABLE WELLBORE JUNCTION

Inventor(s) :

GANO JOHN C [US]; FREEMAN TOMMIE A [US]; LONGBOTTOM JIM R [US]; BOWLING

JOHN S [US]

Patent Assignee (Words) :

HALLIBURTON ENERGY SERV INC [US]

Application Details :

US 522913/00-A 20000310 [2000US-0522913]

Priority Details :

US 522913/00-A 20000310 [2000US-0522913]

US 86716/98-A3 19980528 [1998US-0086716]

Intl. Patent Class. :

E21B-007/08; E21B-043/14

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